

RAY DAYS

Workshops | Talks | Guided Visits

Each week, the artists will lead Workshops, Talks and Guided Visits (virtual or onsite) accompanied by scientific collaborators from Tyndall National Institute and IPIC (Irish Photonic Integration Centre).

Each of these **RAY DAYS** focuses on a different form of invisible light, from the mysterious gamma ray to the familiar radio wave.

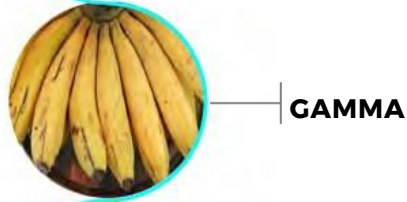
Free but pre-booking is essential.

For information:

<https://crawfordartgallery.ie/the-school-of-looking-invisible-light/>

More about The School of Looking:

www.schooloflooking.org



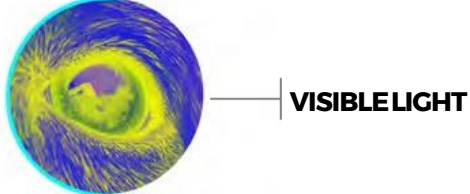
GAMMA



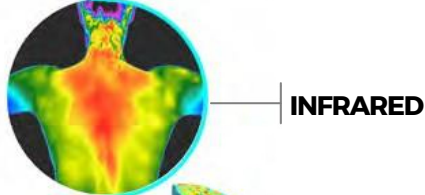
X RAYS



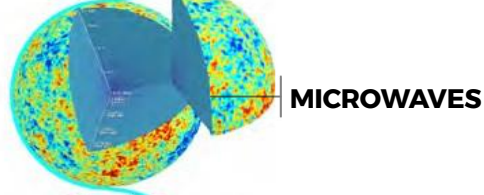
ULTRAVIOLET



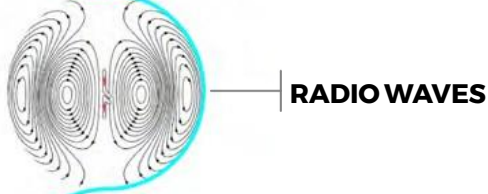
VISIBLE LIGHT



INFRARED



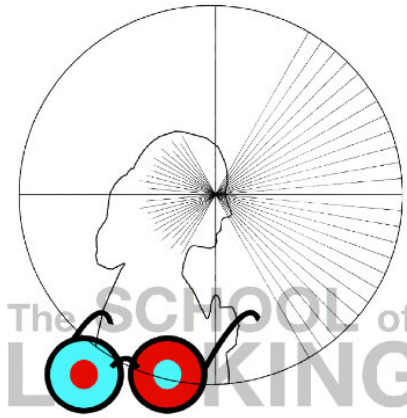
MICROWAVES



RADIO WAVES

Crawford Art Gallery

INVISIBLE light



7 October - 29 November

A visual art exhibition that creatively explores the Electromagnetic Spectrum



EXHIBITION

GAMMA RAYS, X RAYS, ULTRAVIOLET, INFRARED, MICROWAVES, RADIO WAVES...

All of these are light. Light that is invisible to our eyes, although scientific instruments like X ray machines, thermal cameras or radio telescopes now make much of it visible. We associate the imagery with medicine, communication, security, astronomy and other specialist fields. This exhibition is about making invisible light into visual art.

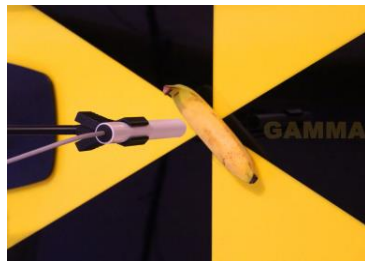
LIGHT: A Vision Revolution

In seven talks, Anne Cleary and Denis Connolly introduce us to the history of light, 400 years of discovery and experiment, from Newton to Einstein and beyond...



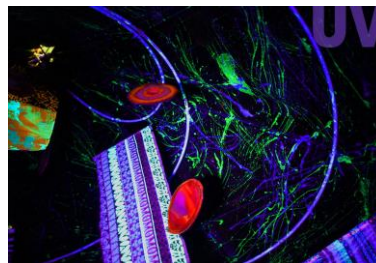
GAMMA RAYS: Banana Music

A banana is a rare source of gamma radiation emitted in tiny (and therefore safe) quantities by the potassium in the fruit. This artwork is about making this most subtle light source perceptible!



X RAYS: See Through Me

X Rays collected to collage the human body from head to toe in transparency! Using duotones, these highly coloured prints are neither negative nor positive.



ULTRAVIOLET: UV Tipi

Should we consider this light as colour? Is it possible to imagine a colour we have never seen? This artwork creates an environment of fluorescent minerals, pigments and fabrics.



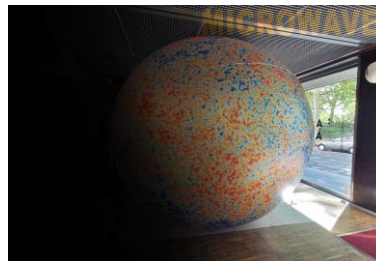
VISIBLE LIGHT: The Animal Colour Debate

We know that most animals see colours differently from how we see them - some see more colours, some see less. This artwork is a light-hearted investigation of how colour may appear to animal eyes.



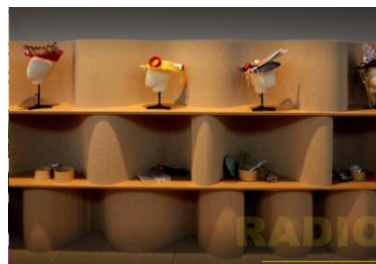
INFRARED: The Sense of Heat

Infrared cameras show us heat as visible light and the resulting images offer us sensory information unlike any that we have: a true sixth sense - heat vision!



MICROWAVES: Sacred Relic

The Cosmic Microwave Background is the oldest light in the universe. A true relic of the beginning of everything, it has faded to invisible microwaves.



RADIO WAVES: Radio Hat Workshop

A joyful experiment that marries technology with the art of millinery, Radio Hat Workshop builds on the history of crystal radio receivers.